



ELECTROSTATIC PAINTABLE PRODUCTS (EPP)

Your Global Compounder Of Custom Engineered Thermoplastics

- ▶ Eliminate the need for volatile organic conductive primer coatings
- ▶ Achieve consistent “Class A” surface finish, even in complex shaped parts
- ▶ Improve paint transfer efficiency and usage yield
- ▶ Enhanced properties can be added to any EPP formulation as needed

ADDITIONAL BENEFITS

- Lower costs
- Improved paint transfer efficiency
- Reduced processing steps
- Eliminate volatile organic (VOC) primers and environmental emissions concerns
- Better Heat Distortion Temperature (HDT) and impact properties to allow more creative designs
- Ability to match compounds and paint colors
- Improved uniformity of paint thicknesses
- Improved color matching with on-line painting

Imagine a thermoplastic compound designed specifically for electrostatic painting processes. A compound that significantly improves paint transfer efficiency, simplifies the painting process, and is available in a wide variety of colors. At RTP Company, we not only imagined it, we made it a reality.

ElectroStatic Paintable Products (EPP) eliminate the need for a conductive primer coating. These specialty compounds save money by:



- Reducing overspray and maximizing paint usage efficiency
- Eliminating expensive primers and solvents
- Eliminating volatile organic (VOC) emissions
- Reducing painting cycle times
- Minimizing part rejects due to uneven paint coverage

With EPP compounds you're not limited to the color black. Instead, select a colorable EPP compound to match paint colors. This color-matching option can help make scratches, chips, and abrasions less noticeable.

With RTP Company's wide selection of resins and additives, EPP Compounds can be formulated to meet your needs - enhance strength, stiffness, impact resistance, flame retardance, and much more!

In order to be compatible with many diverse applications, RTP Company manufactures EPP compounds in a wide variety of base resins, including:

- Polypropylene (PP)
- Nylon 6/6 (PA)
- Polybutylene Terephthalate (PBT)
- Acrylonitrile Butadiene Styrene (ABS)
- Polyphenylene Oxide, Modified (PPO)
- Polycarbonate/ABS Alloy (PC/ABS)
- Polycarbonate/Polyester (PC/PBT)



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